



Online Radio Station Proposal

Intelligent Business Solution

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Project Details

Project Identifier



Quotation Reference No.

IBS/QUO/ORS/2K15-1211

Project Name

Online Radio Station



Introduction

This proposal is just a “proposal.” Nothing is final or binding until it is signed. Everything contained herein is open to negotiation. Pricing matters shall be discussed once the required functions are finalized

We encourage the discussions on this proposal. We will be more than happy to address to your questions, comments or concerns over the proposal.

Thank you in advance for taking the time to review our proposal. We truly appreciate the opportunity to earn your business and are prepared to do whatever it takes to do so!

Overview

The primary objective is to develop and build a Community Email Website System for Community Email agents. This is not 100% customized solution rather its a Turnkey solution with predefined standard functions.

What is Included (“Scope of work”)

A complete, fully tested, optimized and Online Radio Station.

Said Proposal is for Online Radio Station which basic purpose is to keep it best possible level simplified so that at user level no specific IT expertise needed to operate it making it easy to operate and cost effective being in operation.

Features

- Responsive
- HTML5 Audio API with Flash Fall-back
- Supports: Shoutcast, Icecast, SAM Broadcaster, Radionomy, Centovacast and direct information from stream using ICY-METADATA
- Multi-channels with per channel settings
- Multi-language support based on Browser locale
- Mobile optimized (iOS and Android may not allow auto play)
- Quality Setting Switch (optional)
- LastFM API and Custom artist images support

- Written in HTML5 & CSS3 with use of scalable graphics
- Advanced Control Panel for easy management
- Optimized for High Performance
- Comes with three themes: Material Light, Material Dark and HTML5 Radio Player!
- Custom Color Schemes
- Save user preferences in a Cookie (optional)
- Play-list generation on the fly using PHP.
- Fully commented and clean code
- Add your Google Analytics with ease (since 1.09)
- Built-in update script for quick updates
- And much much more...

Note: AAC+ Codec is not supported by this player!

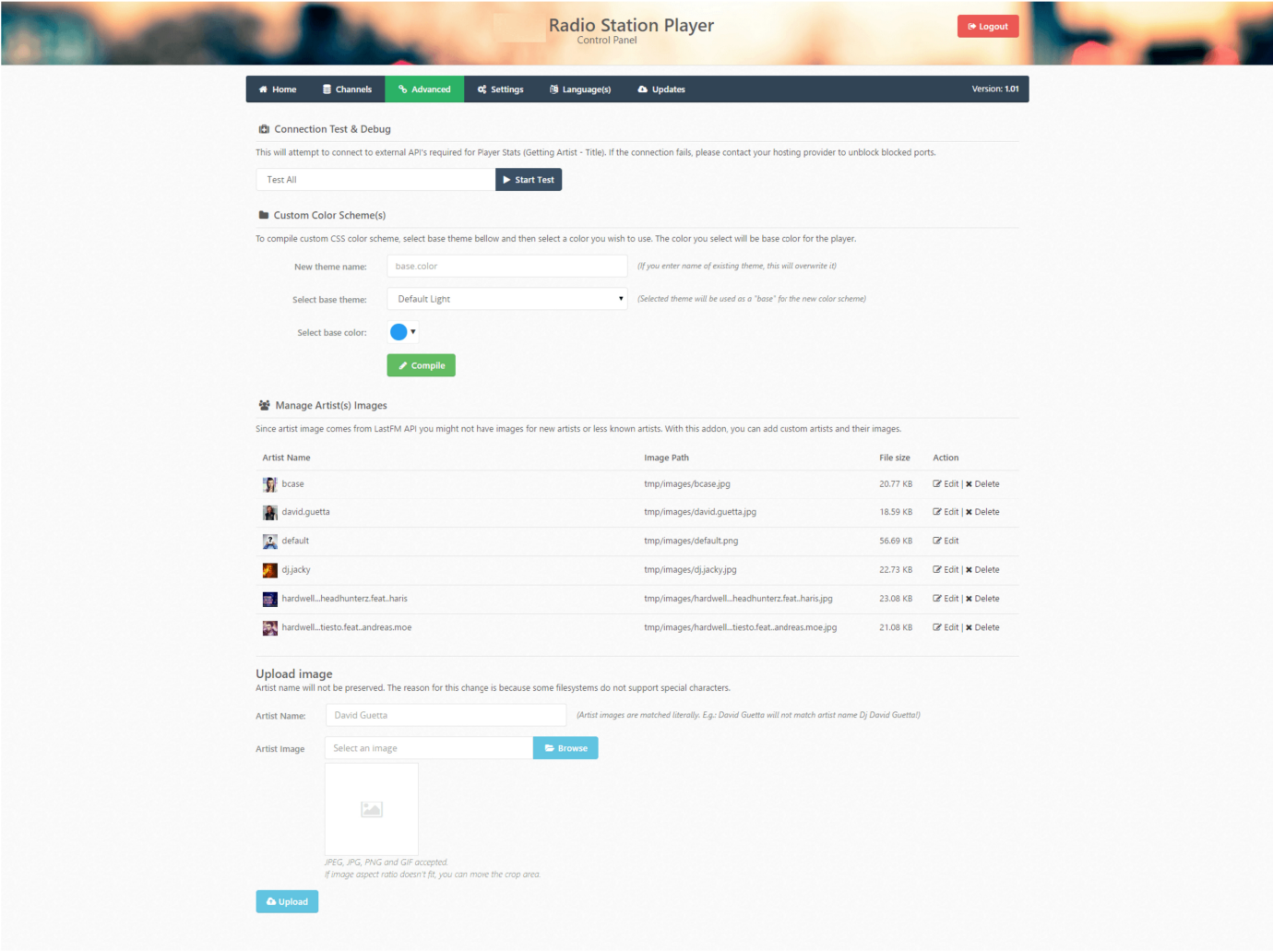
Requirements

Player may work without the specified requirements bellow, but I do not offer support with those configurations. Use at your own risk!

- PHP 5.3+ with CURL Extension
- PHP CURL Extension must have access to configured port (E.g.: Shoutcast uses port 8000 by default)
- MP3 based stream (OGG support in browsers is poor but can be used in combination with MP3)
- For current artist / title you need one of supported API's
- LastFM API key for artist images (optional)

Platforms and Browsers

- Windows: Firefox, Chrome, Opera, Safari, IE9, IE10+
- OSX: Safari, Firefox, Chrome, Opera
- iOS: Mobile Safari: iPad, iPhone, iPod Touch
- Android 2.3+: Chrome, Firefox, Opera and most other mobile browsers
- Blackberry: OS 7 Phone Browser, PlayBook Browser



Radio Station Player

Control Panel

Logout

HomeChannelsAdvancedSettingsLanguage(s)Updates

Version: 1.01

Radio Player supports multi-channel or single-channel setup. You can add unlimited number of channels each having different settings. Common player settings are covered in Settings tab. Please read instructions carefully, if configuration is incorrect, the player may fail to load or not work properly.

Channel Name

1cecast Demo

(When player is in single-channel mode the channel's list won't be displayed.)

Channel Logo

Select an image

Browse

If specified it will replace station logo. JPEG, JPG, PNG and GIF accepted. Image will be cropped to 40px height.



Delete

Default theme

Default Light

(Hint: Generate more color schemes on Advanced tab)

Show track playtime (Based on when the last track was changed)

How to configure streams?

Player supports various streaming codecs but since HTML5 and Flash do not properly support all, its highly recommended to use MP3 only. MP3 codec works in all major browsers because it uses Adobe Flash as fallback. Any other codec like AAC or OGG will most likely not work. Read below how you should link streams:

- Shoutcast version 1x: http://shoutcast-server-url.com:port/stream.mp3
- Shoutcast version 2x: http://shoutcast-server-url.com:port/mountpoint
- Icecast 2.x+: http://icecast-server-url.com:port/mountpoint

Note: OGG codec will not work with most browsers, but you can use combination of codecs! E.g.: For a quality "Default" add OGG & MP3 stream URL's and when browser will not be able to play OGG it will switch to MP3 automatically.

Configure Streams (Music)

High Quality

Delete Group

http://defikon.com:8000/prahec.320k.mp3

MP3

Add More Streams

Low Quality

Delete Group

http://defikon.com:8000/prahec.64k.mp3

MP3

Add More Streams

Add Another Group

Configure Stats (Live info)

Icecast (login required)

Icecast status page

http://defikon.com:8000

Admin username

admin

Admin password

Mount Point

/prahec.320k.mp3

Fallback Mount

/prahec.64k.mp3

(Fallback to this mount if main has no info, not required)

Save

Cancel

Radio Station Player

Control Panel

Logout

Home

Channels

Advanced

Settings

Language(s)

Updates

Version: 1.01

Popup Embed Player

This method is recommended. When player is used as popup window, it allows users to continue interacting with your web site without any problems. It also ensures that the player is responsive on mobile devices and that it fits screen well. See code below to embed this method into your web site. **Note:** You can also force specific channel via URL. Simply append #channel name to URL.

Custom Player Size:

720

x

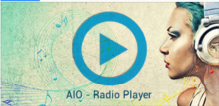
350

pixels

Preview 1

Open Popup

Preview 2



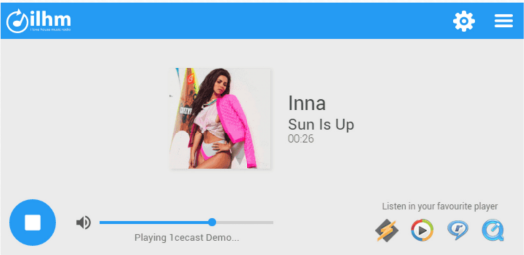
Embed code

```
<a href="#" onclick="window.open('http://si.prahec.com/aio-radio/', 'aio_radio_player', 'width=720, height=350'); return false;">Open Popup</a>
```

iFrame Embed Player

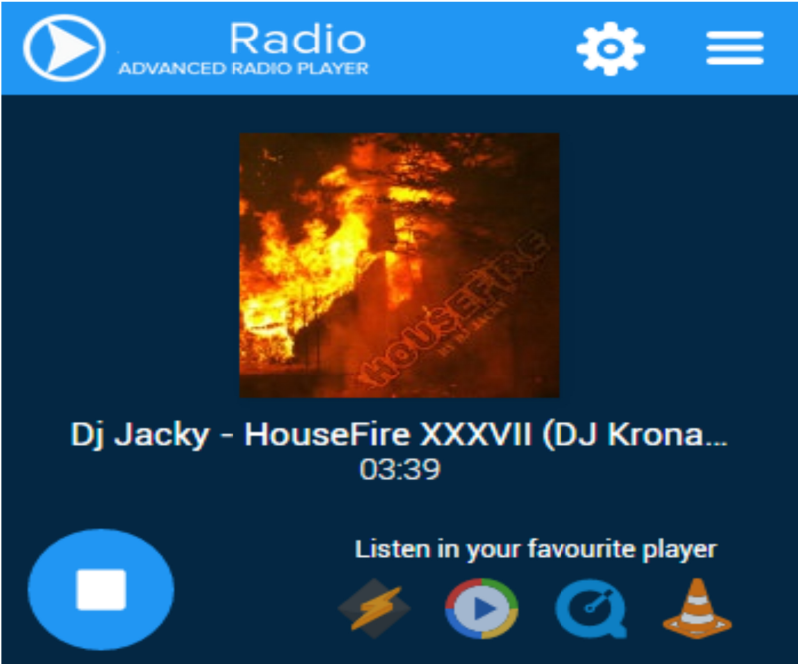
To embed the player on any page simply use code below. its very easy to deploy the player using iframe, it will work as some youtube video. If you want to disable auto play via URL you can append &autoplay=false to the URL.

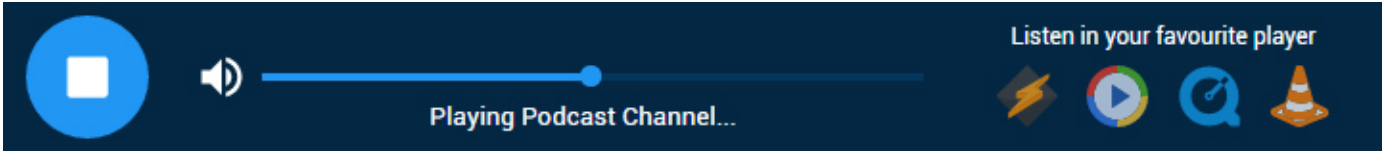
Preview



Embed Code

```
<iframe width="720" height="350" border="0" style="border: 0; box-shadow: 1px 1px 0 #fff;" src="http://si.prahec.com/aio-radio/"></iframe>
```





Basic Methodology

Throughout Design, Develop and Implementation Process core Conceptual concept will remain in mind to keep operational system simplified upto maximum possible level so that operating said does not require any technical knowledge.

All Complexities of operational and conceptual procedures will be delt by the software internal algorithm. Keeping it simple for operator. For its operation any body who can play with computer can operate the Software.

Technology and Compatibility

Note: if all the jargon below is Greek to you, just know that it basically means that we will develop the Software to conform with all of today’s technology standards.

Development Media	:	PHP,XML,
Database	:	mySQL

Timelines and Milestones

Our *tentative* production schedule proposed is as follows. However, please realize that these are NOT deadlines. If you require a specific launch date or other sorts of deadlines, we are happy to oblige given enough advance notice. Otherwise, we prefer to estimate the timeframes but ultimately take the amount of time that is needed for the best results. While we don’t bill you by the hour, our costs are based on the amount of time we invest into each project. So rest assured that we have a very vested interest in moving quickly.

(Note that the days are measured in business days, starting from the day the project begin by receiving down payment and initial data required to take start.)

Basic Core development	6 Weeks
First Implantation and Testing at Client Site	2 Weeks
Fine tuned Final Version Handover	1 Weeks

Fees & Payment

Please go through details covered in this proposal. It would be easy for us to settle down the cost of the project when requirements are completley discussed by both parties.

Important Notes/Points:

- Simply providing of Binaries. Source code will remain the property of the Intelligent Business Solution and will never be handed over what so ever the case may be.
- This proposal is designed keeping in mind that this site would be support site not the Company main site. If you want to have it Company main site we can send u revised reworked proposed model.
- As we can not share source code so hosting will be remain under our charge and we shall provide. What sort of hosting account needed depend upon
 - 1 Number of total Usere
 - 2 Number of user using site at same time
 - 3 nature and volume of data
 - 4 Backend webapplication required initial dedicated RAM
- **Cost Structure**
In order to give you idea of web application cost structure it would have following components
 - intial Setup Fee
 - Monthly charges
 - Trainning Charges

We really appreciate for your time and energies you have spend for going through this comprehensive proposal. If you need any further information, details it would be our p[leasure to provide you the same.

Hoping to hear from you soon and a proper detailed meeting time so that we can discuss your needs and can show how this application can full fill your needs.

Assuring you best of our services and looking forward to have good future business relationships.

Regards.

**** NOTHING FOLLOWS****